

air rover has engineered a vertical wall mount ecu that delivers 5 tons of cooling in a smaller cabinet than typical 3 ton vertical wall mount ecus! the air rover wall mount series ecus were designed for cooling sensitive electronic equipment in a wide range of ambient temperature environments from 20° f to 150° f. telecommunications shelters, radar domes, microwave stations, and military shelters all benefit from the high-efficiency and easy serviceability of the air rover ulv series wall mount ecus.



ULV SERIES

System Specifications

ULV60 Series Wall Mount ECUs



5-Tons of Cooling in a 3-Ton Package

- All Air Rover ULV60 Series ECUs provide cold refrigerated air in ambient temperatures up to 150° F (66° C)
- The ULV60 Series ECUs are 30% smaller, lighter, and more energy efficient than standard military ECUs
- ULVCR models include constant-run, generator-ready controls that prevent electrical spikes
- Electric heat is available on ULVCR60CA15 and ULVHT60CA15 models
- Colors available in olive drab (shown) or desert tan

ULV60 Series Wall Mount ECUs System Specifications

SPECIFICATIONS APPLY TO 50 Hz OPERATION AND ALL SPECIFICATIONS ARE SUBJECT TO CHANGE				
Model Number	ULVCR60DA05	ULVCR60DA	ULVHT60DA05	ULVHT60DA
Constant Run Controls	Yes	Yes	No	No
Electric Heat	Yes	No	Yes	No
Cooling Capacity BTU @ 80/67-95° F (80/19-35° C)	62,000	62,000	62,000	62,000
Cooling Capacity BTU @ 80/67-120° F (80/19-49° C)	55,000	55,000	55,000	55,000
Heating Capacity	05kw (EH05) @ 380V 14,775 Btu/h	N/A	05kw (EH05) @ 380V 14,775 Btu/h	N/A
Air Flow (CFM) Evap/Cond (Cooling)	2000	2000	2000	2000
CFM (Heating)	1000	1000	1000	1000
Operating Conditions	50° F to 150° F (10° C to 66° C)	50° F to 150° F (10° C to 66° C)	50° F to 150° F (10° C to 66° C)	50° F to 150° F (10° C to 66° C)
Voltage 50/60 Hz • Phase	380V • 3ø @ 50 Hz	380V • 3ø @ 50 Hz	380V • 3ø @ 50 Hz	380V • 3ø @ 50 Hz
Supply Wire Size	#8	#8	#8	#8
Power (kw) @ 80/67-95° F (80/19-35° C)	10	10	10	10
Current (cooling, heating), Amps	25, 15	25, 15	25, 15	25, 15
Circuit Breaker Size (Amps)	40	40	40	40
Dimensions H x W x D in (cm)	71 x 38 x 25 (180 x 97 x 64)	71 x 38 x 25 (180 x 97 x 64)	71 x 38 x 25 (180 x 97 x 64)	71 x 38 x 25 (180 x 97 x 64)
Weight lbs (kg)	441 (200)	441 (200)	441 (200)	441 (200)
Supply Duct Opening Dimensions in (cm)	8 x 28 (20 x 71)	8 x 28 (20 x 71)	8 x 28 (20 x 71)	8 x 28 (20 x 71)
Return Duct Opening Dimensions in (cm)	14 x 28 (36 x 71)	14 x 28 (36 x 71)	14 x 28 (36 x 71)	14 x 28 (36 x 71)
Sound Level (dB) with duct	60	60	60	60
Fan Type • Evap/Cond	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)
Refrigerant Charge	R-134a	R-134a	R-134a	R-134a

SPECIFICATIONS APPLY TO 50 HZ OPERATION AND ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

All Air Rover High Temperature Wall Mount 50/60 Hz ECUs contain environmentally-friendly R-134a refrigerant.

NSN Numbers pending.

System Specifications

ULV60 Series Wall Mount ECUs



5-Tons of Cooling in a 3-Ton Package

- All Air Rover ULV60 Series ECUs provide cold refrigerated air in ambient temperatures up to 150° F (66° C)
- The ULV60 Series ECUs are 30% smaller, lighter, and more energy efficient than standard military ECUs
- ULVCR models include constant-run, generator-ready controls that prevent electrical spikes
- Electric heat is available on ULVCR60CA-15kw and ULVHT60CA-15kw models
- Colors available in olive drab (shown) or desert tan

ULV60 Series Wall Mount ECUs System Specifications

SPECIFICATIONS APPLY TO 60 Hz OPERATION AND ALL SPECIFICATIONS ARE SUBJECT TO CHANGE				
Model Number	ULVCR60CA-15kw	ULVCR60CA	ULVHT60CA-15kw	ULVHT60CA
Constant Run Controls	Yes	Yes	No	No
Electric Heat	Yes	No	Yes	No
Cooling Capacity BTU @ 80/67-95° F (80/19-35° C)	62,000	62,000	62,000	62,000
Cooling Capacity BTU @ 80/67-120° F (80/67-49° C)	55,000	55,000	55,000	55,000
Heating Capacity	15kw (EH15) @ 240V 51,150 BTU	N/A	15kw (EH15) @ 240V 51,150 BTU	N/A
Air Flow (CFM) Evap/Cond (Cooling)	1800/3500	1800/3500	1800/3500	1800/3500
CFM (Heating)	1350	1350	1350	1350
Operating Conditions	-50° F to 150° F (-46° to 66° C)	-50° F to 150° F (-46° to 66° C)	-50° F to 150° F (-46° to 66° C)	-50° F to 150° F (-46° to 66° C)
Voltage 50/60 Hz • Phase	208/230V • 3ø @ 60 Hz	208/230V • 3ø @ 60 Hz	208/230V • 3ø @ 60 Hz	208/230V • 3ø @ 60 Hz
Supply Wire Size	#4	#4	#4	#4
Power (kw) @ 80/67-95° F (80/19-35° C)	8.8	8.8	8.8	8.8
Current (Amps)	47.5	47.5	47.5	47.5
Circuit Breaker Size (Amps)	63	63	63	63
Dimensions H x W x D in (cm)	71 x 38 x 20 (180 x 97 x 51)	71 x 38 x 20 (180 x 97 x 51)	71 x 38 x 20 (180 x 97 x 51)	71 x 38 x 20 (180 x 97 x 51)
Weight lbs (kg)	441 (200)	441 (200)	441 (200)	441 (200)
Supply Duct Opening Dimensions in (cm)	8 x 28 (20 x 71)	8 x 28 (20 x 71)	8 x 28 (20 x 71)	8 x 28 (20 x 71)
Return Duct Opening Dimensions in (cm)	14 x 28 (36 x 71)	14 x 28 (36 x 71)	14 x 28 (36 x 71)	14 x 28 (36 x 71)
Sound Level (dB) with duct	60	60	60	60
Fan Type • Evap/Cond	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)
Refrigerant Charge	R134-a	R134-a	R134-a	R134-a

SPECIFICATIONS APPLY TO 60 HZ OPERATION AND ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

All Air Rover High Temperature Wall Mount 50/60 Hz ECUs contain environmentally-friendly R134-a refrigerant.

NSN Numbers pending.

System Specifications

ULV36 Series Wall Mount ECUs



3-Tons of Cooling in a Slim Package

- All Air Rover ULV36 Series ECUs provide cold refrigerated air in ambient temperatures up to 150° F (66° C)
- The ULV36 Series ECUs are 30% smaller, lighter, and more energy efficient than standard military ECUs
- ULVCR models include constant-run, generator-ready controls that prevent electrical Spikes
- Electric heat is available on ULVCR36CA05 and ULVHT36CA05 models
- Colors available in olive drab (shown) or desert tan

ULV36 Series Wall Mount ECUs System Specifications

SPECIFICATIONS APPLY TO 50 Hz OPERATION AND ALL SPECIFICATIONS ARE SUBJECT TO CHANGE				
Model Number	ULVCR36DA05	ULVCR36DA	ULVHT36DA05	ULVHT36DA
Constant Run Controls	Yes	Yes	No	No
Electric Heat	Yes	No	Yes	No
Cooling Capacity BTU @ 80/67-95° F (80/19-35° C)	38,000	38,000	38,000	38,000
Cooling Capacity BTU @ 80/67-120° F (80/67-49° C)	33,000	33,000	33,000	33,000
Heating Capacity	05kw (EH05) @ 380V 14,775 Btu/h	N/A	05kw (EH05) @ 380V 14,775 Btu/h	N/A
Air Flow (CFM) Evap/Cond (Cooling)	1200	1200	1200	1200
CFM (Heating)	1000	1000	1000	1000
Operating Conditions °F (°C)	50 to 150 (10 to 66)	50 to 150 (10 to 66)	50 to 150 (10 to 66)	50 to 150 (10 to 66)
Voltage 50/60 Hz • Phase	380V • 3ø @ 50 Hz	380V • 3ø @ 50 Hz	380V • 3ø @ 50 Hz	380V • 3ø @ 50 Hz
Supply Wire Size	#10	#10	#10	#10
Power (kw) @ 80/67-95° F (80/19-35° C)	7	7	7	7
Current (cooling, heating), Amps	20, 15	20, 15	20, 15	20, 15
Circuit Breaker Size (Amps)	32	32	32	32
Dimensions H x W x D in (cm)	71 x 38 x 25 (180 x 97 x 64)	71 x 38 x 25 (180 x 97 x 64)	71 x 38 x 25 (180 x 97 x 64)	71 x 38 x 25 (180 x 97 x 64)
Weight lbs (kg)	416 (189)	416 (189)	416 (189)	416 (189)
Supply Duct Opening Dimensions in (cm)	8 x 28 (20 x 71)	8 x 28 (20 x 71)	8 x 28 (20 x 71)	8 x 28 (20 x 71)
Return Duct Opening Dimensions in (cm)	14 x 28 (36 x 71)	14 x 28 (36 x 71)	14 x 28 (36 x 71)	14 x 28 (36 x 71)
Sound Level (dB) with duct	60	60	60	60
Fan Type • Evap/Cond	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)
Refrigerant Charge	R-134a	R-134a	R-134a	R-134 a

SPECIFICATIONS APPLY TO 50 HZ OPERATION AND ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

All Air Rover High Temperature Wall Mount 50/60 Hz ECUs contain environmentally-friendly R-134a refrigerant.

NSN Numbers pending.

System Specifications

ULV36 Series Wall Mount ECUs



3-Tons of Cooling in a Slim Package

- All Air Rover ULV36 Series ECUs provide cold refrigerated air in ambient temperatures up to 150° F (66° C)
- The ULV36 Series ECUs are 30% smaller, lighter, and more energy efficient than standard military ECUs
- ULVCR models include constant-run, generator-ready controls that prevent electrical Spikes
- Electric heat is available on ULVCR36CA-10kw and ULVHT36CA-10kw models
- Colors available in olive drab (shown) or desert tan

ULV36 Series Wall Mount ECUs System Specifications

SPECIFICATIONS APPLY TO 60 Hz OPERATION AND ALL SPECIFICATIONS ARE SUBJECT TO CHANGE				
Model Number	ULVCR36CA-10kw	ULVCR36CA	ULVHT36CA-10kw	ULVHT36CA
Constant Run Controls	Yes	Yes	No	No
Electric Heat	Yes	No	Yes	No
Cooling Capacity BTU @ 80/67-95° F (80/19-35° C)	38,000	38,000	38,000	38,000
Cooling Capacity BTU @ 80/67-120° F (80/67-49° C)	33,000	33,000	33,000	33,000
Heating Capacity	10kw (EH10) @ 240V 29,150 BTU	N/A	10kw (EH10) @ 240V 29,150 BTU	N/A
Air Flow (CFM) Evap/Cond (Cooling)	1200/3500	1200/3500	1200/3500	1200/3500
CFM (Heating)	900	900	900	900
Operating Conditions °F (°C)	-50 to 150 (-46 to 66)	-50 to 150 (-46 to 66)	-50 to 150 (-46 to 66)	-50 to 150 (-46 to 66)
Voltage 50/60 Hz • Phase	208/230V • 3ø @ 60 Hz	208/230V • 3ø @ 60 Hz	208/230V • 3ø @ 60 Hz	208/230V • 3ø @ 60 Hz
Supply Wire Size	#8	#8	#8	#8
Power (kw) @ 80/67-95° F (80/19-35° C)	5.4	5.4	5.4	5.4
Current (Amps)	30	30	30	30
Circuit Breaker Size (Amps)	50	50	50	50
Dimensions H x W x D (in)	71 x 38 x 20 (180 x 97 x 51)	71 x 38 x 20 (180 x 97 x 51)	71 x 38 x 20 (180 x 97 x 51)	71 x 38 x 20 (180 x 97 x 51)
Weight lbs (kg)	416 (189)	416 (189)	416 (189)	416 (189)
Supply Duct Opening Dimensions in (cm)	8 x 28 (20 x 71)	8 x 28 (20 x 71)	8 x 28 (20 x 71)	8 x 28 (20 x 71)
Return Duct Opening Dimensions in (cm)	14 x 28 (36 x 71)	14 x 28 (36 x 71)	14 x 28 (36 x 71)	14 x 28 (36 x 71)
Sound Level (dB) with duct	60	60	60	60
Fan Type • Evap/Cond	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)	Direct Drive w/Prop Fan (Horizontal Discharge)
Refrigerant Charge	R134-a	R134-a	R134-a	R134-a

SPECIFICATIONS APPLY TO 60 HZ OPERATION AND ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

All Air Rover High Temperature Wall Mount 50/60 Hz ECUs contain environmentally-friendly R134-a refrigerant.

NSN Numbers pending.